



# CONSTRUCTION EQUIPMENT

51535 VOLVO L120H 632867 - REAR AXLE



**Sample No:** VCP445365  
**Oil Type:** TRANSAXLE OIL SAE 75W80  
**Job No:** 51535



**367 - ASCENDUM MACHINERY INC - BUFORD**  
3779 RYDER BLVD  
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US 30519  
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## SAMPLE INFORMATION

Sample Number	VCP445365	---	---	---
Sample Date	13 Apr 2024	---	---	---
Machine Hours	6165	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	█ 40.1	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 20	---	---	---
Sodium	ppm	█ 12	---	---	---
Potassium	ppm	█ <1	---	---	---



## WEAR METALS

Iron	ppm	▲ 1623	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	▲ 21	---	---	---
Molybdenum	ppm	█ 38	---	---	---
Nickel	ppm	▲ 12	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	24	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 3449	---	---	---
Magnesium	ppm	█ 15	---	---	---
Zinc	ppm	█ 1451	---	---	---
Phosphorus	ppm	█ 1294	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 125	---	---	---

## Diagnosis

We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. The iron level is severe. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

**Depot:** VOLVO8529  
**Unique No:** 10990255  
**Signed:** Don Baldrige  
**Report Date:** 23 Apr 2024



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## VOLVO GRAPHS

